

Oil and Gas Drilling

EA No. 179-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date February 13, 1980

Operator Texas Oil & Gas Corp. Well No. Bailey Fed'l #1
Location 700' FSL 1830' FEL Section 9 Township 17S Range 23E
County Grand State Utah Field/Unit Wildcat
Status: Surface Ownership Public/State access Minerals Federal
Lease No. U-41081 Permit No. _____

Joint Field Inspection Date: January 22, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Dallas Galley</u>	<u>Dirt Contractor</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management</u>
<u>Dan Dowiak, Scott McGlochlin</u>	<u>Texas Oil & Gas</u>
<u>John Evans</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____
_____	_____

Related Environmental Documents:

Book Mountain Unit Resource Analysis, Bureau of Land Management, Utah.

Prepared by: John T. Evans
Environmental Scientist
Grand Junction, Colorado

→ No Arch Report
→ Cont of (over)
→ (6-5-80)
→ (D-7)

Loc moved 30' west
Parkins 7 access on State lands
Pad 155 x 305
Pad 20 x 120
9/10 mi x 18-20' new access
Prod line on road
Flow line not lined
Shut-in 3 access

Proposed Action:

On December 20, 1979, Texas Oil & Gas Corp. filed an Application to Drill the Bailey Federal #1 exploratory well, a 5550' gas test of the Dakota and Morrison Formations, located at an elevation of 5945' in the SW/4 SE/4 Sec. 9, T17S, R23E on federal mineral lands and public surface, lease No. U-41081. The location was moved 30' west to avoid drainage and increase clearance on doghouse side of location. Portions of access road cross state land.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. A Private Surface Agreement has not been obtained from the State of Utah. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct an irregular drill pad 155' wide x 305' long and a reserve pit 20' x 120'. A new access road would be constructed 18' to 20' wide x 0.9 mile long from an existing and improved road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is February 1980 and duration of drilling activities would be about 60 days.

The applicant has not provided an archeological report. The present snow cover may prevent this study until spring melt. At time of inspection, 10 to 15" of snow was present.

Location and Natural Setting:

The proposed drillsite is approximately 34 miles NNW of Mack, Colorado, the nearest town. A fair road runs to within 0.9 mile of the location. This is a wildcat well.

Topography:

The proposed location is in the bottom of a south draining canyon. Minor rerouting of drainage would be required to accommodate drill pad (See photo).

Geology:

The surface geology is alluvium from the Mesa Verde Formation. The soil is silts, sands, and gravels from Mesa Verde parent formation. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone and coal zones of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management. Access road requires three low-water crossings.

Approximately three acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. ✓

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from west to east. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The proposed location is in a canyon bottom. Floodplain data is not available for site. Minor rerouting of drainage would be required to accommodate pad. This may require use of riprap, which is available at the site.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association.

Proposed action would remove about three acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite would reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Proposed Conditions of Approval:

- 1) Subject to Bureau of Land Management Stipulations of Approval.
- 2) Location moved 30' west to increase area on doghouse side of location.
- 3) Reroute drainage on NE corner of drill pad. Rock riprap required to reduce erosion.

- 4) One foot of topsoil is required to be stockpiled.
- 5) A trash pit would be constructed in SW corner of drill pad, a minimum of 125' from wellhead and fenced with fine mesh wire prior to drilling.
- 6) Disposal of produced fluids after 30 days requires approval, per NTL-2B.
- 7) No off-site production facilities (flowlines) approved.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately three acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to Horse Canyon would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

U. S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

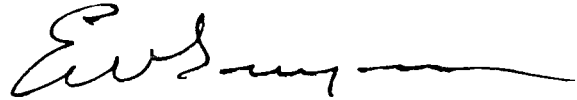
We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

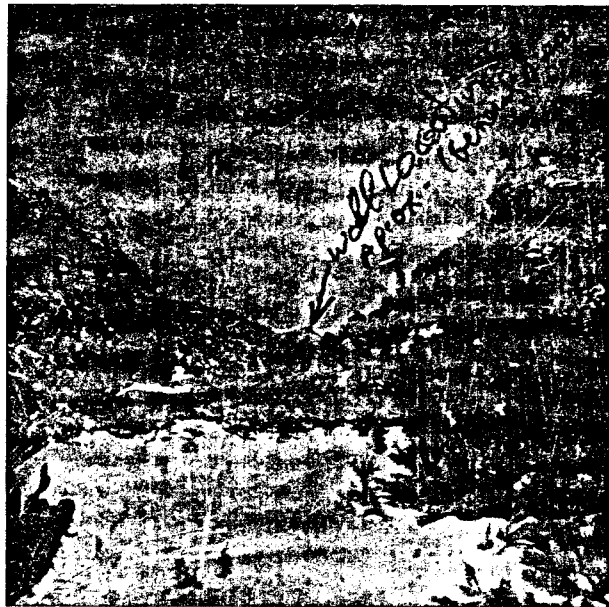
Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Sec. 102(2)(C).

Date

2/22/80


District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Access Road to TXO Bailey Fed #1
Sec 9 17S 23E

0.3 miles to Loc. looking N

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Texas Oil & Gas Corp.

3. ADDRESS OF OPERATOR

1800 Lincoln Center Bldg., Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

700' FSL - 1800' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

34.4 miles west-northwest from Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

700' FSL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

360

19. PROPOSED DEPTH

5550

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5945 GR

22. APPROX. DATE WORK WILL START*

January 10, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
30"	20"	94 lbs.	30'	to surface
12-1/4"	9-5/8"	36 lbs.	250'	to surface
8-3/4"	7"	20 lbs.	1900'	100 sacks
6-1/4"	4-1/2"	11.6 lbs.	5550'	300 sacks, or top of

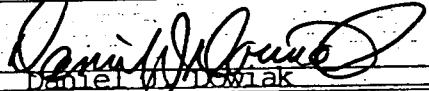
cement 200' above
base of Mancos

ALL CASING TO BE NEW

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

Environmental Engineer

DATE

12/19/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE

FOR E. W. GYNN
DISTRICT ENGINEER

DATE

SEP 24 1980

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4A
DATED 1/1/80

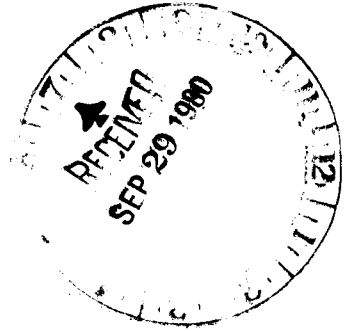
State Oil & Gas Production Facilities and Flowline NOT Approved

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 26, 1980



Mr. Mike Mender
State of Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Application for Permit to Drill
Bailey Federal #1
Section 9-T17S-R23E
Grand County, Utah

Dear Mr. Mender:

Please find enclosed an APD, BOP schematic, location plat and 10-point plan for the well referenced above.

Texas Oil & Gas Corp. requests a topographical exception to the spacing requirements for the well referenced above. After evaluating the terrain in Section 9, the site was chosen to minimize the cuts necessary to construct the location and minimize crossings of the creek (intermittent) bottom. The chosen site was also the most acceptable location to the BLM.

We hope to spud the well by October 1, 1980, therefore, we request a prompt response to this application. If you should have any questions, please do not hesitate to contact me. Thank you.

Very truly yours,

TEXAS OIL & GAS CORP.

Scott McGlochlin
Safety & Environmental
Administrator

SM

enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE OPERATOR AND SERIAL NO. U-41081	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Texas Oil & Gas Corp.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg., Denver, CO 80264		8. FARM OR LEASE NAME Bailey Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 700' FSL - 1800' FEL At proposed prod. zone 1830' SW SE		9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 34.4 miles west-northwest from Mack, Colorado		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 700' FSL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T17S-R23E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		12. COUNTY OR PARISH Grand	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5945 GR		13. STATE Utah	
16. NO. OF ACRES IN LEASE 360		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
19. PROPOSED DEPTH 5550 Morrison		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* January 10, 1980			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
30"	20"	94 lbs.	30'	to surface
12-1/4"	9-5/8"	36 lbs.	250'	to surface
8-3/4"	7"	20 lbs.	1900'	100 sacks
6-1/4"	4-1/2"	11.6 lbs.	5550'	300 sacks, or top of cement 200' above base of Mancos

ALL CASING TO BE NEW

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 10/2/80

BY: C.B. Light

43-019-30708

47-4 1/23/80

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

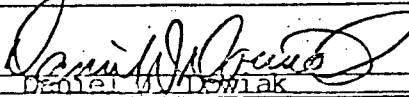
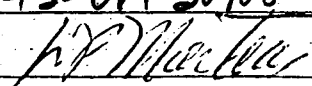
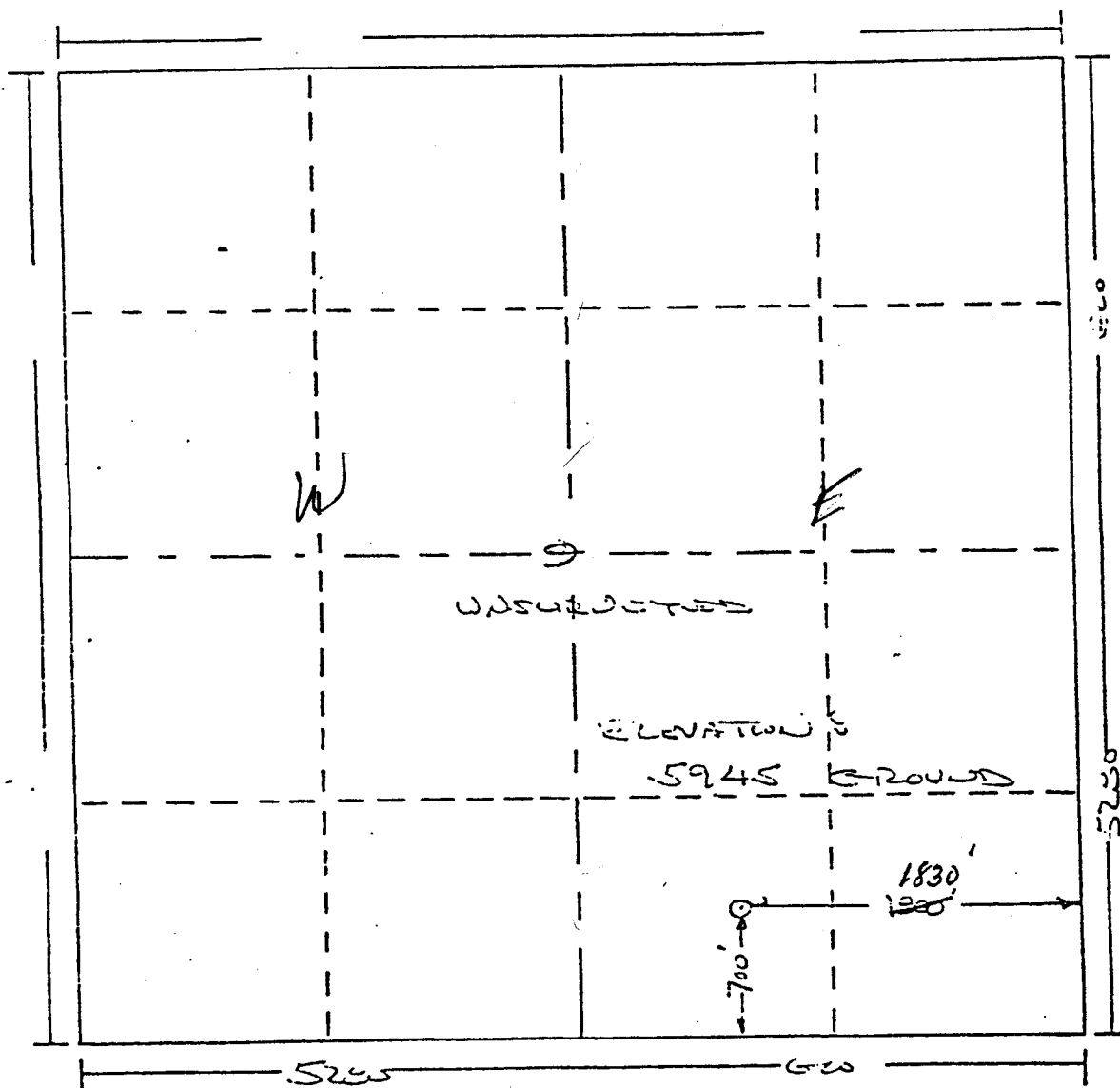
24. SIGNED  Daniel J. Gwiazda		TITLE Environmental Engineer		DATE 12/19/79	
(This space for Federal or State office use)					
PERMIT NO. 43-019-30708		APPROVAL DATE 10/2/80			
APPROVED BY  E. W. Gwynn		TITLE FOR DISTRICT ENGINEER		DATE SEP 24 1980	
CONDITIONS OF APPROVAL, IF ANY:					



EXHIBIT 1

R. 23 E.



T. 17 S

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
has in accordance with a request from DAV DOWMAN
for TEXAS OIL & GAS
determined the location of #1 - BALCON FEDERAL
to be 700' FSL & 1800' FEL, Section 9, Township 17 South,
Range 23 East of the SALT LAKE Meridian,
GRAND County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#1 - BALCON FEDERAL

Date: 12 Dec 79

T. J. DOWMAN
Licensed Land Surveyor No. 2711
State of UTAH

9-331-C Addendum

TXO Bailey Federal #1
Sec. 9-T17S-R23E
Grand County, Utah

1. SURFACE FORMATION: Mesa Verde

2. ESTIMATED FORMATION TOPS:

Castlegate	1636'
Mancos	1734'
Dakota Silt	5228'
Second Dakota SS	5338'
Buckhorn SS	5418'
Morrison	5464'
TD	5550'

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL-BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected gas zones:	Dakota	5314'
	Morrison	5464'

4. CASING PROGRAM AS PER FORM 9-331-C.

5. PRESSURE CONTROL EQUIPMENT:

- A. After surface casing is set, a double ram type blowout preventer with blind rams and pipe rams will be installed with minimum working pressure of 2000 PSI.
- B. A control choke and fill and kill lines with minimum working pressure of 2000 PSI will be installed.
- C. A rotating pack off head will be installed above the blowout preventer to control flow while drilling with air.
- D. Equipment in A and B will be pressure tested to 2000 PSI before drilling surface pipe cement, and the blowout preventer will be tested for operation daily during trips.

6. MUD PROGRAM:

0' - 250'	Gelled water
250' - 2900'	Air as far as hole conditions allow, then KCL
2900' - TD	Air

NOTE: Excess gas flow or other hole problems may require use of mud drilling. Mud materials will be maintained on location to build muds weight 8.7-8.9 lbs./gal. vis. of 30-40 sec. API.

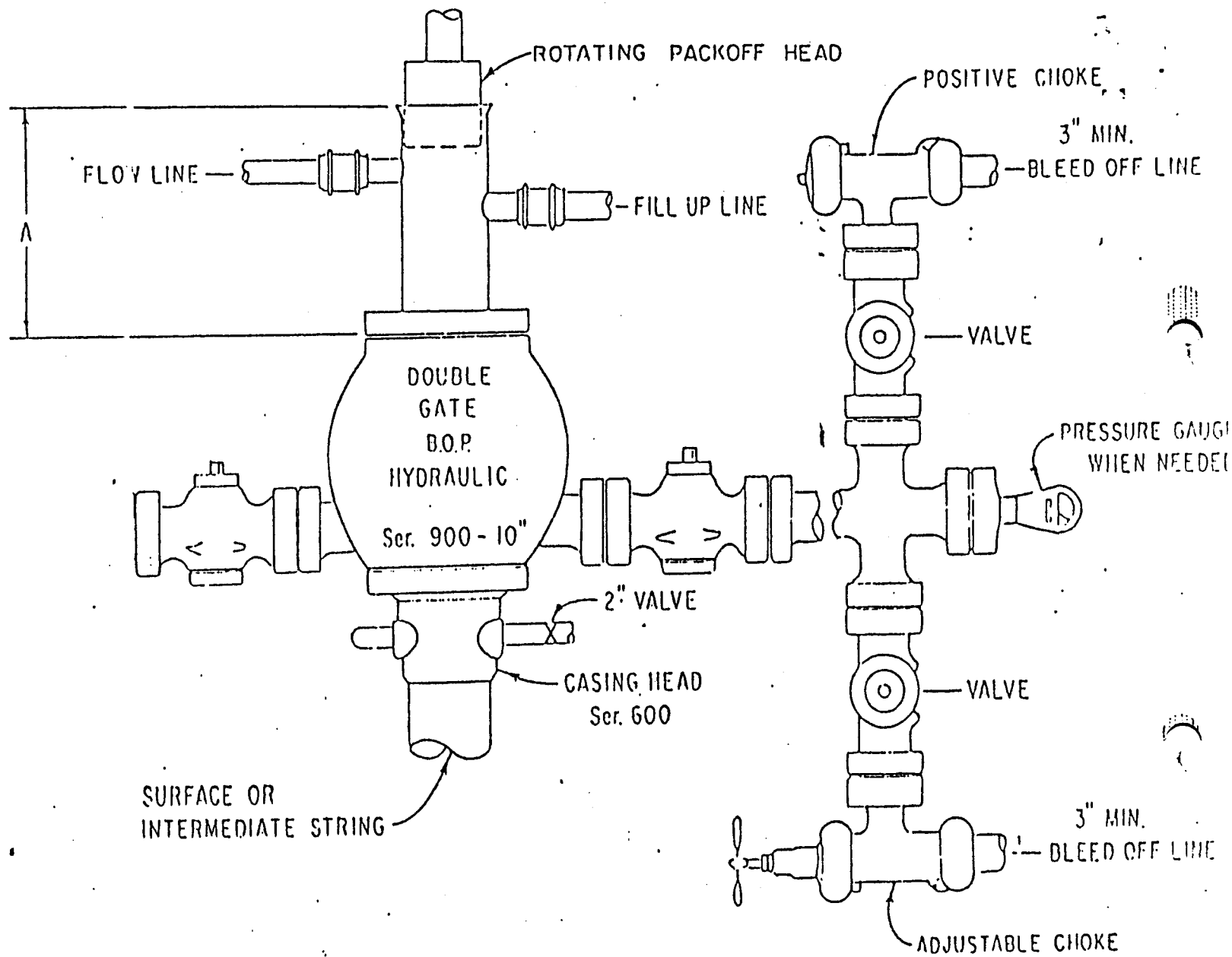
9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gas such as H₂S is expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to reserve pit at a point 125' from the wellhead. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line to insure burning of return gasses which are combustible.

10. ANTICIPATED STARTING DATE:

Start location construction	January 20, 1980
Drilling	February 1, 1980
Drilling time	20-25 days
Completion time	Approx. 60 days
Completion operations	June 30, 1980

11. Productive zones will be perforated, tested, treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment, as warranted, of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.



** FILE NOTATIONS **

DATE: October 2, 1980
OPERATOR: Texas Oil & Gas Corporation
WELL NO: Bailey Federal #1
Location: Sec. 9 T. 17S R. 23E County: Grand

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-019-30708

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in case 47-4
add 1/23/80 topo exception for well located in

Administrative Aide: OK per spacing order FY206
Sec 9

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 47-4 1/23/80

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site

Lease Designation Sec 9

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

October 17, 1980

Texas Oil & Gas Corporation
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Re: Well No. Bailey Federal #1
Sec. 9, T. 17S, R. 23E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 47-4 dated January 23, 1980 for topographic exception for well located in E₁ of section 9.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30708.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight

Cleon B. Feight
Director

/ka
cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Texas Oil & Gas Corp.
3. ADDRESS OF OPERATOR
1800 Lincoln Center Bldg., Denver, CO 80264
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 700' FSL, 1830' FEL, Sec. 9-T17S-
AT TOP PROD. INTERVAL: R23E
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

(other) Well Spud Report

5. LEASE
U-41081
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bailey Federal
9. WELL NO.
#1
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 9-T17S-R23E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5945' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well had 30' of 20" casing set on October 20, 1980.

The well was spud at 5:00 a.m., on October 22, 1980, using the NICOR #37 rig. A 12 $\frac{1}{4}$ " hole was drilled 47'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Richard A. Varela TITLE Drilling & Prod. Manager DATE 10/22/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246
October 22, 1980

Ms. Kathy ~~Azila~~
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Sundry Notice
Bailey Federal #1
Section 9-T17S-R23E
Grand County, Utah

Dear Ms. Azila:

Enclosed for your files please find a copy of a Sundry Notice sent to the USGS stating that the well referenced above was spudded on October 22, 1980 at 5:00 a.m.

If you should have any questions, please contact me at this office.

Very truly yours,

TEXAS OIL & GAS CORP.



Scott McGlochlin
Safety & Environmental Administrator

SM/bs
Enclosure/as stated

DIVISION OF
OIL, GAS & MINING

OCT 27 1980



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

State Lease No. _____
Federal Lease No. 71-041081
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Bailey Federal #1

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

October 19⁸⁰

Agent's Address 1800 LIncoln Center Bldg.
Denver, Colorado 80264
Phone No. 303-861-4246

Company Texas Oil & Gas Corp.
Signed Janette Geniehe
Title Production Clerk

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 9	17S	23E	1	-0-	-0-	-	-0-	-0-	-0-	Spud on 10-22-80 Dr1g @2883'

GAS: (MCF)

Sold	-0-
Flared/Vented	-0-
Used On/Off Lease	-0-

OIL or CONDENSATE: (To be reported in Barrels)	
On hand at beginning of month	-0-
Produced during month	-0-
Sold during month	-0-
Unavoidably lost	-0-
Reason:	
On hand at end of month	-0-

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. ***THIS REPORT MUST BE FILED***

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

January 9, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Completion of
Bailey Federal #1
Section 9-T17S-R23E
Grand County, Utah

Gentlemen:

Enclosed are Utah OC&GC Forms 3 and 1b detailing completion of the subject well. Also enclosed are monthly drilling reports as required by Rule C-22 of the Utah OC&GC. Please handle all material as confidential.

Should you require any further information concerning the drilling and completion of this well, please contact the undersigned at your convenience.

RECEIVED

JAN 14 1981

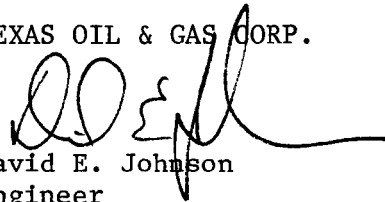
DIVISION OF
OIL, GAS & MINING

DEJ/ck

enclosures

Very truly yours,

TEXAS OIL & GAS CORP.


David E. Johnson
Engineer

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			No DST's had 2' flare @ 5342' while drlg.	Mancos "B"	4547	
				Dakota Silt	5205	
				Dakota Fm	5283	
				1st SS	5299	
				2nd SS	5322	
				3rd SS	5360	
				4th SS	5377	
				Buckhorn	5400	
				Morrison	5500	

TIGHT HOLE

WELL NAME: BAILEY FEDERAL #1
 AREA: Westwater West
 LOCATION: Section 9-17S-23E
 COUNTY: Grand
 STATE: Utah
 ELEVATIONS: 5945 GL, 5955 KB
 FOOTAGE: 700' ~~SL~~, 1800' FEL

CONTRACTOR: Nicor #37
 NID APPROVED:
 EST. TD: 5650'
 AFE NUMBER: 800593
 LEASE NUMBER: 51564
 TXO WI: 100%

COMPANY

CONTACT

ALTERNATE

TO&G
 2150 Fideltiy Union Tower
 Dallas, TX 75201

(214) 747-8341
 Telecopy Daily

J. D. Huppler

J. Grynberg
 1050 17th Street
 Ste 1950
 Denver, CO 80202

(303) 572-1455
~~Call Daily~~ *Eiken*
 Call Daily
 Mail Weekly

Morris Ettinger

Jackson Moffit
 Mining Div USGS
 2040 Adm. Bldg.
 1745 W. 1700 S
 Salt Lake City, UT 84104

Mail Weekly

10/21/80 MIRT.

10/22/80 DD 1, 47' made 47' in 3 hrs, surf, drlg, spud mud, 35. Spudded 12 1/4" hole @ 5:00 am 10/22/80. DW 57,750. CW 57,750.

10/23/80 DD 2, 242' made 195' in 22 1/2 hrs, drlg, 9.0, 44. Bit No. 1, 12 1/4, Y72RR, ftg 242', hrs 24 1/2. DW 7882. CW 65,632.

10/24/80 DD 3, 273' made 31' in 2 3/4 hrs, NU BOP, 9.5, 45. Pmp liner size 6" x 14", SPM 60, press 300. Bit No. 1, 12 1/4, Y12RR, out 273, ftg 273, hrs 25. Ran 6 jnts 9 5/8" 36# K-55 ST&C C-A R-3 csg 259.51'. Set @ 257.51'. Cmt w/150 sxs Class B w/2% KCl PD 3:15 pm 10/23/80. Circ cmt. WOC & NO. DW 18,625. CW 84,257.

10/25/80 DD 4, 273' made 0' in 0 hrs, drlg shoe, misting. Bit No. 2, 8 3/4, FP53AJ. DW 9087. CW 93,344.

10/26/80 DD 5, 665' made 392' in 16 1/2 hrs, drlg, air mist. 1/2° @ 280', 1/2° @ 600'. DW 8114, CW 101,458. Hit wtr sd @ 273'. By 300' had 1 1/2" stream. Another sd @ 1000'.

10/27/80 DD 6, 1375' made 710' in 21 3/4 hrs, drlg, sh, air mist. Bit No. 2, ftg 1102, hrs 39 1/2. 1° @ 1014', 1° @ 1143', 1° @ 1207'. DW 11,821. CW 113,279.

10/28/80 DD 7, 1950' made 575' in 21 1/2 hrs, TOO H for intermediate logs, sh, misting. 1° @ 1430', 1 1/2° @ 1624', 2° @ 1950'. Bit No. 2, 8 3/4, FP53AJ, out 1950, ftg 1677, hrs 60 1/2. DW 12,515. CW 125,794.

10/29/80 DD 8, 1950' made 0' in 0 hrs, WOC, sh, DW 34,771. CW 160,565.

10/30/80 DD 9, 2080' made 130' in 3 1/2 hrs, drlg, sh, dusting. Bit No. 3, 6 1/4, FP52, ftg 130', hrs 3 1/2. DW 8495. CW 169,060.

10/31/80 DD 10, 2882' made 802' in 22 3/4 hrs, drlg, sh, dusting. 2° @ 2219', 2 1/4° @ 2435', 2 1/4° @ 2720'. DW 8495. CW 177,555.

11/01/80 DD 11, 3550' made 668' in 20 1/4 hrs, drlg, sh, dusting, 4 1/2° @ 3120', 5° @ 3183', 6° @ 3277', 6 1/2° @ 3339', 6 3/4° @ 3400', 7° @ 3425', 4 1/2° @ 3521'. DW 10,372. CW 187,927.

11/02/80 DD 12, 4144' made 594' in 21 hrs, rng survey, sh, dusting. 5 1/2° @ 3553', 7° @ 3645', 7° @ 3737', 6 3/4° @ 3799', 9 3/4° @ 3957', 8 1/2° @ 4020'. DW 8381. CW 196,308.

11/03/80 DD 13, 4500' made 356' in 22 1/4 hrs, drlg, sh, dusting. +10° @ 4205', 4300', 4362', 4394', 4457'. DW 8516. CW 204,824.

TEXAS OIL & GAS CORP.
DENVER DISTRICT
BAILEY FEDERAL #1
Section 9-17S-23E
Grand Co., Utah

11/04/80 DD 14, 4582' made 82' in 15 hrs, TIH & run surveys, sh, dusting. Bit No. 3, 6½, FP 62, ftg 2632', hrs 104 ¾. +10° @ 4550', +10° @ 4582', 11° @ 3850', 13° @ 3971', 9° @ 4075', 15° @ 4211', 15° @ 4326'. DW 8582. DW 213,406.

11/05/80 DD 15, 4803' made 221', rng survey, sh, dusting. Bit No. 3, 6½ re-run, FP 62 J, Ftg 2853, hrs 124½. 15° @ 4565', 15° @ 4616', 14° @ 4678', 13° @ 4709'. DW 8172. CW 221,578.

11/06/80 DD 16, 5021' made 218' in 13 ¾ hrs, rng survey, sd & sh, dusting. Bit No. 3, 6½, FP623J, out 4803', ftg 2853', hrs 124½. 12½° @ 4770', 10½° @ 4834', 11° @ 4896'. DW 18,572. CW 241,050.

11/07/80 DD 17, 5615' made 594' 22 ¾ hrs, drlg, sh, dusting. Bit No. 4, 6 1/4, J-33, ftg 812, hrs 36½. 8½° @ 5110', 8½° @ 5230', 8½° @ 5427'. 2' flare @ 5342', TSTM. DW 8172. CW 248,322.

11/08/80 DD 18, 5700' made 85' in 6 ¾ hrs, RD loggers, sh. Bit No. 4, 6½, J-33, out 5702, ftg 897', hrs 43. 9½° @ 5700'. DW 10,872. CW 259,194.

11/09/80 DD 19, 5700' made 0', RDRT. Ran 4½" csg as follows: 1-4½" guide shoe 1-0, 1-jt 4½ 11.6# N-80 LT&C R-3 C-B csg 31-10, 1-4½ insert float, 139 jnts 4½" 11.6#, N-80 LT&C R-3 C-B csg 5630.58. Shoe @ 5660'. Float @ 5627.90'. Cmt w/200 sxs 50-50 poz, 2% gel, 5% KCl & 3/4% CFR-2. Displ w/86 bbl 3% KCl wtr. PD 4:15 am 11/9/80. Float held. RR 8:00 am 11/9/80. DW 60,272. CW 319,466.

11/11/80 WOCU.

10/27/80 Additional information to report of 27th: ran 7" 20# K-55 ST&C csg as follows:
1 7" Dowell guide shoe 1.0'
1 jt 7" 20# 8rd K-55 ST&C 42.23
1 7" Dowell insert float w/auto fill
48 7" 20# (see above) 1919.80 1963.03

Set @ 1950'. Float 1906.77. Cmt w/150 sxs 50-50 poz 2% gel & 100 sxs Class "B" 2% caCl. Displ 77½ bbl fresh wtr. Full returns. PD @ 11:00 10/29/80. Float held.

11/12/80 WOCU.

11/13/80 WOCU.

11/14/80 WOCU.

11/15/80 WOCU.-

11/16/80 WOCU.

11/17/80 WOCU.

Log Tops: Mancos "B" 4547
Dakota Silt 5205
Dakota Fm 5283
1st SS 5299
2nd SS 5322
3rd SS 5360
4th SS 5377
Buckhorn 5400
Morrison 5500

11/18/80 WOCU.

11/19/80 WOCU.

11/20/80 WOCU.

11/21/80 WOCU.

11/22/80 WOCU.

11/23/80 WOCU.

11/24/80 WOCU.

11/25/80 WOCU.

11/26/80 WOCU.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING**SUNDRY NOTICES AND REPORTS ON WELLS**(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Abandonment of zone		5. LEASE DESIGNATION AND SERIAL NO. U-41081
2. NAME OF OPERATOR Texas Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1800 Lincoln Center Bldg., Denver, Colorado 80264		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 700' FSL, 1800' FEL		8. FARM OR LEASE NAME Bailey Federal
14. PERMIT NO. 43-019-30708		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5945' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 9-T17S-R23E
		12. COUNTY OR PARISH 13. STATE Grand Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data****NOTICE OF INTENTION TO:**TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐**SUBSEQUENT REPORT OF:**WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Abandonment of zone ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

After perforation and stimulation of the Buckhorn formation (5408-44), rates of 50 MCFD were observed. A decision was then made to abandon this zone in favor of a Dakota completion uphole, and a CIBP was set at 5400 to isolate the Buckhorn. A subsequent completion in the Dakota is detailed in Utah Form OGC-3, on file in the office of Oil, Gas & Mining.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Engineer

DATE January 9, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

September 15, 1981

Texas Oil & Gas Corp.
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Re: Well No. Bailey Federal #1
Sec. 9, T. 17S, R. 23E,
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 1-9-81, from above referred to well, indicates the following electric logs were run: SNP-FDC-GR, DIL-GR. As of today's date, this office has not received either of these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK-TYPIST

P

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 21, 1981

call back at
1:15

1:00

Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Terri Reid

RE: Bailey Federal #1
Section 9-T17S-R23E
Grand County, Utah

TIGHT HOLE

Dear Ms. Reid:

Per your request, please find two electric logs for the above-referenced well.


Please consider the information contained on these logs confidential.

Sincerely,

TXO PRODUCTION CORP.

Annette M. Callahan
Annette M. Callahan
Engineering Technician

RECEIVED
SEP 24 1981
DIVISION OF
OIL, GAS & MINING

AMC:1mm
encl. 

7 1/2 months



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1984

Texas Oil & Gas Corporation
1800 Lincoln Center Bldg.
Denver, CO 80264

RE: Operator name changes
List of wells attached

Gentlemen:

In preparing our files for microfilming and data entry we have found information indicating these wells are operated by you. We have not received the proper Sundry Notices stating which company (TXO or Texas Oil & Gas Corp.) is the operator of each of these wells. The enclosed list is based on our current production reports and they do not correlate with our well records. Please send a corrected copy of the attached list indicating any changes or that no changes are necessary so that we may update our files properly.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our company.

Thank you for your prompt attention to the above matter.

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj
Enclosures

OPERATOR
FIELD
COUNTY
WELLNAME

TXO PRODUCTION CORP
BAR X
GRAND
HANCOCK FEDERAL #1-X
05-17S-25E
43-019-30834

COUNTY TOTALS

FIELD TOTALS

TXO PRODUCTION CORP
BOOK CLIFFS
GRAND
BOOK CLIFFS UNIT #1
32-18S-22E
43-019-15410
BOOK CLIFFS UNIT #3
33-18S-22E
43-019-15411

COUNTY TOTALS

FIELD TOTALS

TXO PRODUCTION CORP
EAST CANYON
GRAND
CALLISTER FEDERAL #1
24-16S-24E
43-019-30857

COUNTY TOTALS

OPERATOR
FIELD
COUNTY
WELLNAME
OIL SPRINGS

FIELD TOTALS

TXO PRODUCTION CORP
SAN ARROYO
GRAND
ARCO FEDERAL "B" #1
6-16S-25E
43-019-30552
ARCO FEDERAL "B" #2
06-16S-25E
43-019-31008
FEDERAL #42-8
08-16S-25E
43-019-31035
ARCO FEDERAL #H-1
12-16S-25E
43-019-31002
GRYNBERG FEDERAL #1
28-16S-25E
43-019-30657
NICOR FEDERAL #1
28-16S-25E
43-019-30656
TXO-ARCO-FEDERAL "D" #1
34-16S-25E
43-019-30578
TXO-VALENTINE FEDERAL #2
34-16S-25E
43-019-30640
TXO-ARCO FEDERAL "C" #1
35-16S-25E
43-019-30572
TXO-VALENTINE FEDERAL #1
35-16S-25E
43-019-30639
VALENTINE FEDERAL #3
35-16S-25E
43-019-31009
TEXAS PACIFIC STATE #1
36-16S-25E
43-019-30634

OPERATOR
FIELD
COUNTY
WELLNAME

TXO PRODUCTION CORP
SAN ARROYO
GRAND
TEXAS PACIFIC STATE #2
36-16S-25E
43-019-30670
HARVEY-FEDERAL #1-X
5-16S-25E
43-019-30574
BMG FEDERAL "A" #1
08-16S-26E
43-019-31031
MOXA-FEDERAL #1
09-16S-26E
43-019-30698
BNT FEDERAL #1
27-17S-24E
43-019-30995

COUNTY TOTALS

FIELD TOTALS

TXO PRODUCTION CORP
UNDESIGNATED
GRAND
BAUMGARTNER FEDERAL #2
25-16S-24E
43-019-30841
CREDO FEDERAL "A" #2
06-16S-26E
43-019-30854
MOXA FEDERAL "A" #1
4-16S-26E
43-019-30792
CREDO FEDERAL "A" #1
5-16S-26E
43-019-30798

OPERATOR
FIELD
COUNTY
WELLNAME

TXO PRODUCTION CORP
UNDESIGNATED
GRAND
CREDO FEDERAL #1
5-16S-26E
43-019-30797
BAILEY FEDERAL #1
09-17S-23E
43-019-30708
PTASYSKI FEDERAL #1
15-17S-23E
43-019-30780
HOUGEN FEDERAL "A" #1
14-17S-24E
43-019-30799

COUNTY TOTALS

TXO PRODUCTION CORP
UNDESIGNATED
UINTAH
EVACUATION CREEK STATE #1
36-11S-25E
43-047-31307
ASPHALT CREEK FEDERAL #1
10-12S-24E
43-047-31057
MEADOW CREEK #1
31-15S-22E
43-047-31094
DUNCAN FEDERAL #3
28-15S-23E
43-047-31058
DUNCAN FEDERAL #1
29-15S-23E
43-047-30963
DUNCAN FEDERAL #2
29-15S-23E
43-047-31059
DUNCAN #4
33-15S-23E
43-047-31060

OPERATOR
FIELD
COUNTY
WELLNAME
EAST CANYON

FIELD TOTALS

TXO PRODUCTION CORP
FENCE CANYON
UINTAH
SQUIER #1
31-15S-23E
43-047-31005

COUNTY TOTALS

FIELD TOTALS

TXO PRODUCTION CORP
OIL SPRINGS
UINTAH
OIL CREEK STATE #1
02-12S-24E
43-047-31314
OIL SPRINGS UNIT #
03-12S-24E
43-047-31255
OIL SPRINGS UNIT #
04-12S-24E
43-047-31248
OIL SPRINGS UNIT #
4-12S-24E
43-047-15928
OIL SPRINGS UNIT #
5-12S-24E
43-047-15930

COUNTY TOTALS

OPERATOR
FIELD
COUNTY
WELLNAME

TEXAS OIL & GAS CORPORA
SAN ARROYO
GRAND
BENNION FEDERAL #1
30-16S-25E
43-019-30893

COUNTY TOTALS

FIELD TOTALS

TEXAS OIL & GAS CORPORA
UNDESIGNATED
GRAND
WALL FEDERAL #1
30-16S-25E
43-019-30838
HANCOCK FEDERAL #2
5 -17S-25E
43-019-30833
MORMAC FEDERAL #1-14
14-22S-16E
43-019-30817

COUNTY TOTALS

TEXAS OIL & GAS CORPORA
UNDESIGNATED
UINTAH
ASPHALT CREEK FEDERAL #2
10-12S-24E
43-047-31056

COUNTY TOTALS

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92194019	MOXA FEDERAL #1 16S. 24E. 9	06	02	2	10/85	0800
92313018	BMG FEDERAL #1 16S. 24E. 8	06	02	5	11/85	0800
92232018	MOXA FEDERAL A #1 16S. 24E. 4	06	02	12	12/85	0800
92237010	CREDO FEDERAL #1 16S. 24E. 5	06	02	12	12/85	0930
92239012	CREDO FEDERAL A #1 16S. 24E. 5	06	02	12	12/85	1100
92192016	BAILEY FEDERAL #1 17S. 23E. 9	06	03	13	11/85	0900
92331016	LITTLE BERRY STATE #1 16S. 23E. 2	06	03	12	11/85	1100
92225011	PTASYNSKI FEDERAL #1 17S. 23E. 15	06	03	13	12/85	1000
92258017	SQUIER #1 15S. 23E. 31	06	03	17	12/85	1000
92347010	CISCO SPRINGS A #1 20S. 23E. 9	06	05	12	11/85	1000
92348016	CISCO SPRINGS B #1 20S. 23E. 15	06	05	12	11/85	1100
92026019	BOOK CLIFFS UNIT #3 18S. 22E. 23	06	05		12/85	CODE 84
92298019	WALL FEDERAL #1 16S. 25E. 30	06	07	13	11/85	0900
92316019	LAUCK FEDERAL A #1 16S. 25E. 29	06	07	7	11/85	1030
92261018	BENNION FEDERAL #1 16S. 25E. 30	06	07	9	12/85	1130
92303012	HOUGEN FEDERAL A #1 17S. 24E. 14	06	07	10	12/85	1030
92126013	TEXAS PACIFIC STATE #1 16S. 25E. 36	06	12	7	11/85	0800
92154017	TEXAS PACIFIC STATE #2 16S. 25E. 36	06	12	7	11/85	0900

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-41081 (Fed.)
2. NAME OF OPERATOR TXO Production Corp. Attn: C.K. Curlee		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
3. ADDRESS OF OPERATOR 1800 Lincoln Ctr. Bldg. Denver, CO 80264		7. UNIT AGREEMENT NAME -
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 700' FSL, 1800' FEL Sec. 9-T17S-R23E		8. FARM OR LEASE NAME Bailey Federal
14. PERMIT NO. 43-019-31151 30708		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7173' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T17S-R23E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> correction of wellsite problem	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Problem per your September 10, 1984 letter: Production pit insufficient.

Production pit cleaned out and enlarged (approx. dimensions of enlarged pit - 12'x12'x6' deep). Settled trench for buried pipeline, which channeled runoff to pit, backfilled and compacted. Berm constructed around pit and new fence installed. Work completed week of October 8, 1984.

18. I hereby certify that the foregoing is true and correct.

SIGNED Charles K. CurleeTITLE Environmental ManagerDATE Oct. 12, 1984

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 5, 1990

Ms. Diedre E. Koehler
TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Dear Ms. Koehler:

Re: Plugging Report, Bailey Federal 1 Well, Section 9, T. 17S, R. 23E, API No. 43-019-30708, Grand County, Utah

In a letter dated May 15, 1990, you brought to our attention that the referenced well has been plugged. As of this date, we have not received a plugging report for the well.

In accordance with Rule R615-3-24-5 of the Utah Oil and Gas Conservation General Rules, the operator shall file a subsequent report of plugging with the division within 30 days after plugging a well. The report shall give a detailed account of the following items:

- The manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging and the location, nature, and extent by depths, of the plugs.
- Records of any tests or measurements made.
- The amount, size, and location, by depths of any casing left in the well.
- A statement of the volume of mud fluid used.
- A complete report of the method used and the results obtained, if an attempt was made to part any casing.

Page 2
Ms. Diedre Koehler
June 5, 1990

Please submit a plugging report as soon as possible using Form 9, Sundry Notices and Reports on Wells. If you have further questions, please feel free to call me or our petroleum engineer, John Baza at (801)538-5340. Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in black ink that reads "Don Staley". The signature is written in a cursive, slightly slanted style.

Don Staley
Administrative Supervisor
Oil and Gas

ldc
cc: R.J. Firth
V.L. Carney
D.M. Eatchel
Well File
WOI138

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use APPLICATION FOR PERMIT for such proposals.)

1. WELL NO. <u>415</u>		JUN 21 1990		5. LEASE DESIGNATION AND SERIAL NO. U-41081	
2. NAME OF OPERATOR TXO Production Corp.		DIVISION OF OIL GAS & MINING		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR 1660 Lincoln St., Suite 1800, Denver, Colorado 80264				7. UNIT AGREEMENT NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 700' FSL and 1800' FEL				8. FARM OR LEASE NAME Bailey Federal	
14. PERMIT NO. 43-019-30708		15. ELEVATIONS (Show weather DP, RT, GR, etc.) 5945' GR		9. WELL NO. 1	
				10. FIELD AND POOL, OR WILDCAT -	
				11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA Sec. 9-T17S-R23E	
				12. COUNTY OR PARISH Grand	
				13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TXO Production Corp. plugged and abandoned the Bailey Federal #1 from 11/1/89 - 11/5/89 as follows:

Set 30 sx cmt plug 5350-5100', 9 ppg mud from 5100' to 3500'. Cmt and pulled 3500' of 4 1/2" casing. Set 40' sx cmt plug from 3435' to 3565', 9 ppg mud from 3435' to 2000'. 30 sx plug from 1850' to 2010'. 25 sx plug inside 7" csg from 95' to surface. Cmt off 7" & 9-5/8" 3' below ground level. Filled annular space between with cmt. Welded on well identity plate. P&A witnessed by BLM representative.

18. I hereby certify that the foregoing is true and correct

SIGNED Wendy Gray West

TITLE Area Drlg & Prod. Engr

DATE June 15, 1990

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____